

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 3    | US-5880792-\$.DID. OR US-6714253-\$.DID. OR US-6804827-\$.DID. | US-PGPUB;<br>USPAT; USOCR;<br>JPO                                       | OR               | ON      | 2007/09/13<br>13:33 |
| S5    | 0    | ("6804827").URPN.  | USPAT   | OR               | ON      | 2007/09/13<br>11:42 |
| S6    | 2    | ("6714253").URPN.  | USPAT   | OR               | ON      | 2007/09/13<br>11:43 |
| S8    | 21   | ("5880792").URPN.  | USPAT   | OR               | ON      | 2007/09/13<br>11:43 |
| S9    | 0    | (john or "john j") adj sie.<br>in.                             | US-PGPUB;<br>USPAT; USOCR;<br>JPO                                       | OR               | ON      | 2007/09/13<br>12:04 |
| S10   | 0    | (john or "john j.") adj sie.<br>in.                            | US-PGPUB;<br>USPAT; USOCR;<br>JPO                                       | OR               | ON      | 2007/09/13<br>12:04 |
| S12   | 7    | "802043".ap.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/09/17<br>11:10 |
| S15   | 8    | 725/140.ccls. and "aspect<br>ratio"                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/09/13<br>14:14 |
| S16   | 390  | "725".clas. and "aspect<br>ratio"                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/09/13<br>15:22 |
| S17   | 276  | S16 @ay<="2004"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/09/13<br>14:17 |

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| S18 | 222  | S16 @ay< "2004"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>14:21 |
| S19 | 173  | S16 @ay< "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>14:48 |
| S20 | 6    | S19 and ((manipulation or<br>modification) same "aspect<br>ratio")    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:18 |
| S21 | 20   | S19 ((manipulat\$3 or<br>modify or modifi\$6) same<br>"aspect ratio") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:23 |
| S22 | 11   | S19 (multiple with "aspect<br>ratio")                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:19 |
| S23 | 0    | S19 (crop\$4 with "aspect<br>ratio")                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:19 |
| S24 | 1767 | ("725" "370" "386").clas.<br>and "aspect ratio"                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/09/13<br>15:23 |
| S25 | 1211 | S24 @ay< = "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:27 |

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| S27 | 36    | S25 ((manipulat\$3 or modify or modifi\$6) with "aspect ratio") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:27 |
| S28 | 77    | S25 ((manipulat\$3 or modify or modifi\$6) same "aspect ratio") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:28 |
| S29 | 1048  | S24 @ay< "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:27 |
| S30 | 71    | S29 ((manipulat\$3 or modify or modifi\$6) same "aspect ratio") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:28 |
| S31 | 35    | S29 ((manipulat\$3 or modify or modifi\$6) with "aspect ratio") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>15:28 |
| S32 | 5009  | aspect with ratio with conver\$5                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/09/13<br>15:57 |
| S33 | 30118 | meta\$1data   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/09/13<br>15:58 |
| S34 | 6     | S32 same S33  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/13<br>16:00 |

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| S35 | 2   | ("6122403").PN.                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/09/13<br>16:00 |
| S36 | 1   | (US-5880792-\$).did.                          | USPAT   | OR  | ON  | 2007/09/13<br>16:47 |
| S37 | 1   | (US-5880792-\$).did. and<br>aspect ratio      | USPAT   | ADJ | ON  | 2007/09/13<br>16:48 |
| S38 | 8   | video digital multimedia<br>aggregator        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/14<br>13:05 |
| S39 | 0   | "09973067".ap.                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/14<br>13:18 |
| S40 | 5   | "973067".ap.                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/14<br>13:18 |
| S41 | 1   | "973067".ap. and<br>(metadata "aspect ratio") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/14<br>13:19 |
| S42 | 2   | ("5159438").PN.                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/09/17<br>11:03 |
| S43 | 547 | aspect ratio conversion                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/17<br>13:24 |
| S44 | 2   | S43 and vuong.in.                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/17<br>11:12 |

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| S45 | 2   | S43 and aihara.in.                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/17<br>16:49 |
| S46 | 547 | aspect ratio conversion                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/17<br>13:24 |
| S47 | 2   | S46 and vuong.in.                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/17<br>13:24 |
| S48 | 10  | ("6115072").URPN.                        | USPAT   | OR  | ON | 2007/09/17<br>16:42 |
| S49 | 1   | "5856849".pn.                            | USPAT   | OR  | ON | 2007/09/17<br>16:42 |
| S50 | 0   | "586849".pn. and second<br>aspect ratio  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/17<br>16:50 |
| S51 | 0   | "586849".pn. and aspect<br>ratio         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/17<br>16:50 |
| S52 | 2   | "5856849".pn. and second<br>aspect ratio | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/17<br>16:50 |
| S53 | 23  | sie.in. beyler.in.                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/09/18<br>14:30 |
| S54 | 0   | "6804827".pn. and aspect<br>ratio        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/18<br>11:01 |

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| S55 | 0 | "6804827".pn. and conversion   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2007/09/18<br>11:01 |
| S56 | 0 | "6804827".pn. and header       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2007/09/18<br>11:01 |
| S57 | 0 | "6804827".pn. and head\$3      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2007/09/18<br>11:02 |
| S58 | 1 | "6804827".pn. and data         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2007/09/18<br>11:02 |
| S59 | 5 | vuong.in. "aspect ratio"       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/09/18<br>14:30 |
| S61 | 0 | "6804827".pn. and aspect ratio | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/19<br>09:28 |
| S62 | 1 | "6714253".pn. and aspect ratio | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/19<br>11:54 |
| S63 | 2 | "5880792".pn.                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/19<br>11:54 |

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| S64 | 1     | "5880792".pn. and aspect ratio  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/19<br>11:55 |
| S65 | 7     | ("5880792" "6714253" "6804827").pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/19<br>11:59 |
| S66 | 80732 | "7" and aspect ratio  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/19<br>11:59 |
| S67 | 1186  | "L3" and aspect ratio   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/09/19<br>11:59 |
| S68 | 2     | ("5880792" "6714253" "6804827").pn. and aspect near ratio                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/19<br>11:59 |
| S69 | 15523 | "aspect ratio" ((video or signal) (transmission or broadcast))              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/09/20<br>11:14 |
| S70 | 1     | ("2003/0025832").URPN.  | USPAT   | OR   | ON | 2007/09/20<br>11:15 |
| S71 | 0     | ("6804827").URPN.   | USPAT   | OR   | ON | 2007/09/20<br>11:19 |
| S72 | 6     | ("5822018"   "5880792"   "5892910"   "6188439"   "6263502"   "6378129").PN. | US-PGPUB;<br>USPAT; USOCR   | OR   | ON | 2007/09/20<br>11:21 |
| S74 | 0     | "10801372".ap.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/09/20<br>13:42 |

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| S75 | 7    | "801372".ap.                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/09/20<br>13:42 |
| S76 | 6    | "804975".ap.                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/09/20<br>14:28 |
| S77 | 169  | "aspect ratio" same<br>(aperture and conversion) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/01/18<br>15:54 |
| S78 | 4083 | "aspect ratio" and aperture<br>and conversion    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/01/18<br>15:55 |
| S79 | 9207 | "aspect ratio" and aperture<br>and conver\$4     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/01/18<br>15:57 |
| S80 | 25   | S79 and "725".clas.                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/01/18<br>15:57 |
| S81 | 1341 | ("aspect ratio" same conver<br>\$4) and aperture | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/01/18<br>15:58 |
| S82 | 6883 | ("aspect ratio" same conver<br>\$4)              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/01/18<br>15:58 |



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| S83 | 1341 | S81 and aperture   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2008/01/18<br>15:58 |
| S84 | 0    | "20040121731".did. and<br>aperture   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/22<br>09:53 |
| S85 | 1    | "20040212731".did. and<br>aperture   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/22<br>09:54 |
| S86 | 9    | (US-20030025832-\$ or US-<br>20020053075-\$ or US-<br>20010024239-\$).did. or<br>(US-6804827-\$ or US-<br>6714253-\$ or US-6115072-<br>\$ or US-5880792-\$ or US-<br>5856849-\$ or US-7234003-<br>\$).did. | US-PGPUB;<br>USPAT  | OR   | ON | 2008/01/22<br>12:12 |
| S87 | 0    | S86 and ("aspect ratio"<br>same overlay)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/22<br>12:12 |
| S88 | 0    | S86 and ("aspect ratio"<br>same overla\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/22<br>12:12 |
| S89 | 2    | S86 and "aspect ratio" and<br>overla\$2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2008/01/22<br>12:12 |
| S90 | 406  | "aspect ratio" conver\$4<br>(overla\$2 or aperture)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2008/01/22<br>12:17 |

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| S91 | 2  | ("6636222").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2008/01/22<br>12:19 |
| S92 | 1  | "6636222".pn. and<br>("aspect ratio" same<br>(overla\$2 or aperture)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2008/01/22<br>12:19 |
| S94 | 1  | "20070217518".did. and<br>("aspect ratio" conver\$4)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/22<br>12:24 |
| S95 | 7  | S90 and "725".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON  | 2008/01/22<br>12:25 |
| S96 | 98 | S90 and ("725" "345"<br>"386").clas.                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2008/01/22<br>12:33 |
| S97 | 1  | "20040212731".did. and<br>stream\$1                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2008/01/22<br>14:28 |
| S98 | 0  | simulcast same "aspect<br>ratio" same conversion                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2008/01/22<br>14:34 |
| S99 | 1  | simulcast same "aspect<br>ratio" same conver\$4                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2008/01/22<br>14:34 |

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| S100 | 11    | simulcast same "aspect ratio"        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>14:35 |
| S102 | 4188  | HDTV and @ay<"1995"                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>14:37 |
| S103 | 1745  | HDTV and @ay<"1992"                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>14:37 |
| S104 | 732   | HDTV and @ay<"1990"                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>14:37 |
| S105 | 23418 | OLED                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>14:39 |
| S106 | 4669  | OLED and (television tv)             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>14:40 |
| S107 | 1     | S86 and scal\$3                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>16:04 |
| S108 | 3     | S86 and (scal\$3 rotat\$3 mirror\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>16:05 |

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| S109 | 2    | ("5721544").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/22<br>16:07 |
| S110 | 2    | S109 and "aspect ratio"                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/22<br>16:08 |
| S111 | 0    | S109 and (scal\$3 mirror\$3<br>rotat\$3)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/22<br>16:09 |
| S112 | 2    | "20040212732".did.                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/22<br>16:14 |
| S113 | 0    | "20040212732".did. and<br>(rotat\$3 scal\$3 mirror\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/22<br>16:14 |
| S114 | 1    | "20040212731".did. and<br>(rotat\$3 scal\$3 mirror\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/22<br>16:15 |
| S115 | 1    | "20040212731".did. and<br>mirror\$3                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/22<br>17:24 |
| S116 | 6886 | "6169568.pn.and" ("aspect<br>ratio" same conver\$4)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/22<br>18:16 |

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| S117 | 6886 | "6169568.pn.and" ("aspect ratio" same conver\$4)                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>18:16 |
| S118 | 1    | "6169568".pn. and ("aspect ratio" same conver\$4)                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/22<br>18:16 |
| S119 | 0    | "20040212732".did. and scal\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>09:56 |
| S120 | 1    | "20040212731".did. and scal\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>09:56 |
| S121 | 1    | "5856849".pn. and linear \$2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>10:00 |
| S123 | 0    | "5169272".pn. and ("aspect ratio" same conversion)                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>10:04 |
| S124 | 0    | "5169272".pn. and (("aspect ratio" same conver\$4) (linear\$2 same scal\$3)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>10:04 |
| S125 | 1    | "20040212731".did. and linear\$2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>15:56 |

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| S126 | 1     | (kevin near scoles).in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>16:24 |
| S127 | 1     | "20040212731".did. and<br>portion?                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>16:47 |
| S128 | 16    | "725".clas. and ("aspect<br>ratio" same (aperture<br>overlay))          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>16:49 |
| S129 | 290   | ("aspect ratio" same conver<br>\$4 same aperture\$1)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:05 |
| S130 | 17458 | "725".clas. ("aspect ratio"<br>same conver\$4 same<br>aperture\$1)      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:09 |
| S131 | 1     | "725".clas. and ("aspect<br>ratio" same conver\$4<br>same aperture\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:10 |
| S132 | 3     | "725".clas. and (("aspect<br>ratio" same conver\$4) and<br>aperture\$1) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:10 |
| S133 | 25    | "725".clas. and ("aspect<br>ratio" and conver\$4 and<br>aperture\$1)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:12 |

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| S134 | 25   | "725".clas. and ("aspect ratio" and conver\$4 and aperture)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:13 |
| S135 | 25   | "725".clas. and (aspect adj ratio) and conver\$4 and aperture   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:14 |
| S136 | 1214 | ("725" "348").clas. and (aspect adj ratio) and conver\$4 and aperture   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:14 |
| S137 | 1202 | "348".clas. and (aspect adj ratio) and conver\$4 and aperture   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:15 |
| S138 | 68   | "348".clas. and ("aspect ratio" same conver\$4 same aperture\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:15 |
| S139 | 21   | S138 and @ay< "2004"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/23<br>17:15 |
| S140 | 20   | ("4845562"   "4953035"   "5043826"   "5065252"   "5097349"   "5331423"   "5506370"   "5515346"   "5598276"   "5630006"   "5665052"   "5675390"   "5687160"   "5907659"   "6166778"   "6393202"   "6463210"   "6535688"   "6631241"   "6658661").<br>PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/01/23<br>17:25 |
| S141 | 753  | "aspect ratio" same (conver\$4 and (overla\$2 aperture))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/24<br>11:12 |

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| S142 | 227 | S141 and ("725" "348").<br>clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/24<br>11:12 |
| S143 | 100 | S142 not camera  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/24<br>11:12 |
| S144 | 72  | S143 not ando.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/24<br>11:13 |
| S145 | 57  | S143 not (ando macinnis).<br>in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/24<br>11:14 |
| S146 | 2   | "20040212731".did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/24<br>11:54 |
| S147 | 7   | US-4729012-\$.DID. OR US-<br>5400077-\$.DID. OR US-<br>5598276-\$.DID. OR US-<br>5638130-\$.DID. OR US-<br>5914754-\$.DID. OR US-<br>6366706-\$.DID. OR US-<br>6771888-\$.DID. | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR | OFF | 2008/12/17<br>18:25 |
| S148 | 7   | US-4729012-\$.DID. OR US-<br>5400077-\$.DID. OR US-<br>5598276-\$.DID. OR US-<br>5638130-\$.DID. OR US-<br>5914754-\$.DID. OR US-<br>6366706-\$.DID. OR US-<br>6771888-\$.DID. | US-PGPUB;<br>USPAT; EPO;<br>JPO   | OR | OFF | 2008/12/21<br>16:44 |
| S149 | 7   | US-4729012-\$.DID. OR US-<br>5400077-\$.DID. OR US-<br>5598276-\$.DID. OR US-<br>5638130-\$.DID. OR US-<br>5914754-\$.DID. OR US-<br>6366706-\$.DID. OR US-<br>6771888-\$.DID. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2008/12/21<br>16:44 |



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|------|----|---|--|----|-----|---------------------|
| S150 | 5  | US-4506387-\$.DID. OR US-5598276-\$.DID. OR US-6038367-\$.DID. OR US-20050028208-\$.DID. OR US-1200512-\$.DID.  | US-PGPUB;<br>USPAT; EPO;<br>JPO                          | OR | OFF | 2008/12/21<br>16:46 |
| S151 | 4  | US-4506387-\$.DID. OR US-5598276-\$.DID. OR US-6038367-\$.DID. OR US-20050028208-\$.DID.  | US-PGPUB;<br>USPAT; EPO;<br>JPO                          | OR | OFF | 2008/12/21<br>16:48 |
| S152 | 0  | "20040212731".did. and<br>subsry  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:03 |
| S153 | 1  | "20040212731".did. and<br>subset  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:03 |
| S154 | 0  | "20040212731".did. and<br>((first second) near<br>subset)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:04 |
| S155 | 1  | "20040212731".did. and<br>"920"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:05 |
| S156 | 44 | "725".clas. and (metadata<br>same chang\$3 same<br>(temporal\$4 dynamic\$5))\   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:52 |
| S157 | 10 | S156 and @ay< "2003"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:52 |
| S158 | 9  | ("20010024239"  <br>"20020053075"  <br>"20030025832"  <br>"5856849"   "5880792"  <br>"6115072"   "6714253"  <br>"6804827"   "7234003").<br>PN.                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:54 |
| S159 | 10 | ("20020056136"  <br>"20020059610"  <br>"20030204844"  <br>"20040123327"  <br>"5461427"   "5598276"  <br>"5657034"   "5907659"  <br>"6169568"   "7061552").<br>PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:55 |
| S160 | 1  | ("20040148640").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:55 |

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| S161 | 20 | (S158 S159 S160)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:55 |
| S162 | 1  | S161 and (metadata with<br>chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:55 |
| S163 | 1  | S161 and (metadata same<br>chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:56 |
| S164 | 11 | (US-20050028208-\$).did.<br>or (US-6771888-\$ or US-<br>6366706-\$ or US-5914754-<br>\$ or US-5638130-\$ or US-<br>5598276-\$ or US-5400077-<br>\$ or US-4729012-\$ or US-<br>6038367-\$ or US-4506387-<br>\$ or US-1200512-\$).did.  | US-PGPUB;<br>USPAT                                       | OR | OFF | 2008/12/21<br>17:56 |
| S165 | 0  | S164 and (metadata same<br>chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:56 |
| S166 | 24 | ("20020116471"  <br>"20020120925"  <br>"20020143976"  <br>"20020144262"  <br>"20030056010"  <br>"20030070183"  <br>"20030093790"  <br>"20030163832"  <br>"20030226142"  <br>"20030237097"  <br>"20040003403"  <br>"20040034874"  <br>"20040103429"  <br>"20040187151"  <br>"20040268384"  <br>"20050138672"  <br>"20060129547"  <br>"20060253544"  <br>"5751282"   "6008803"  <br>"6631523"   "7162499"  <br>"7181755"   "7249365").<br>PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:58 |
| S167 | 10 | S166 and (metadata same<br>chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:58 |

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| S168 | 14  | ("20020140867"  <br>"20020144260"  <br>"20020184642"  <br>"20030041336"  <br>"20030103532"  <br>"20030200548"  <br>"20030201932"  <br>"20040064836"  <br>"20040117831"  <br>"20060041924"  <br>"6567409"   "6744785"  <br>"6747983"   "7159233").<br>PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:59 |
| S169 | 3   | S168 and (metadata same<br>chang\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>17:59 |
| S170 | 3   | "725".clas. and (metadata<br>same ((aspect adj ratio)<br>arc) same chang\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:01 |
| S171 | 332 | "725".clas. and (metadata<br>same chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:03 |
| S172 | 78  | S171 and @ay< "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:03 |
| S173 | 112 | S171 and @ay< "2004"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:03 |
| S174 | 176 | "725".clas. and (metadata<br>with chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:04 |
| S175 | 52  | S174 and @ay< "2004"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:04 |
| S176 | 19  | ellis.in. and (metadata<br>same chang\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:07 |
| S177 | 269 | (metadata same chang\$3)<br>and (aspect near ratio)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:08 |
| S178 | 63  | S177 and @ay< "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:08 |

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| S179 | 29   | deshpande.in. and metadata   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:15 |
| S180 | 1    | deshpande.in. and metadata and "725".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:15 |
| S181 | 209  | "725".clas. and ((multiplex \$3 encod\$3 embed\$4 transmi\$6 broadcast\$3) with metadata) and @ay<"2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:17 |
| S182 | 9    | swart.in. and metadata   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/21<br>18:18 |
| S183 | 7    | US-4729012-\$.DID. OR US-5400077-\$.DID. OR US-5598276-\$.DID. OR US-5638130-\$.DID. OR US-5914754-\$.DID. OR US-6366706-\$.DID. OR US-6771888-\$.DID. | US-PGPUB;<br>USPAT; EPO;<br>JPO                          | OR | OFF | 2008/12/22<br>09:43 |
| S184 | 4    | US-4506387-\$.DID. OR US-5598276-\$.DID. OR US-6038367-\$.DID. OR US-20050028208-\$.DID.   | US-PGPUB;<br>USPAT; EPO;<br>JPO                          | OR | OFF | 2008/12/22<br>09:46 |
| S185 | 0    | "20040148640".did. and shrink\$3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2008/12/22<br>09:50 |
| S186 | 2    | "20040148640" and aspect   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>11:47 |
| S187 | 2    | "20040148640" and (aspect adj ratio)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>11:48 |
| S188 | 0    | "20040148640" and ((aspect adj ratio) with (conver\$5 chang\$4))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>11:48 |
| S189 | 998  | (tuner receiver stb) with (\$2provision\$3 format\$4) with identif\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>14:46 |
| S190 | 1057 | (dvr pvr tivo tuner receiver stb) with (\$2provision\$3 format\$4) with identif\$5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>14:47 |

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| S191 | 170 | (dvr pvr tivo tuner receiver stb) with \$2provision\$3 with identif\$5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>14:47 |
| S192 | 115 | S191 and @ay< "2006"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>14:47 |
| S193 | 0   | "5907659" and metadata  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/05/12<br>16:12 |
| S194 | 15  | ("20020140867"  <br>"20020144260"  <br>"20020184642"  <br>"20030041336"  <br>"20030103532"  <br>"20030200548"  <br>"20030201932"  <br>"20040064836"  <br>"20040117831"  <br>"20060041924"  <br>"6567409"   "6744785"  <br>"6747983"   "6868225"  <br>"7159233").PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>16:41 |
| S195 | 13  | ("5880792"   "6714253"  <br>"6804827").PN.<br>("4729012"   "5400077"  <br>"5598276"   "5638130"  <br>"5914754"   "6366706"  <br>"6771888").PN.<br>("20050028208"  <br>"4506387"   "5598276"  <br>"6038367").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>16:45 |
| S196 | 32  | "6868225"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:10 |
| S197 | 0   | "6868225" and ((combin\$3<br>multiplex\$3 encod\$3) with<br>metadata)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:13 |
| S198 | 404 | "725".clas. and ((combin<br>\$3 multiplex\$3 encod\$3)<br>with metadata)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:13 |
| S199 | 4   | "6868225" and metadata  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:13 |

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| S200 | 113 | S198 and @ay< "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:15 |
| S201 | 86  | S200 and (conver\$4 crop<br>\$4 (aspect adj ratio))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:16 |
| S202 | 16  | S200 and ((conver\$4 crop<br>\$4 (aspect adj ratio)) with<br>metadata)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:16 |
| S203 | 1   | "20040025181" and "280"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:45 |
| S204 | 1   | "20040025181" and "270"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:55 |
| S205 | 1   | "20040025181" and<br>((extract\$4 decod\$3<br>demultiplex\$3 demux\$3)<br>with metadata)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>17:57 |
| S206 | 0   | "20020184642" and<br>((combin\$3 multiplex\$3<br>encod\$3) with (metadata<br>supplement\$3))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>18:15 |
| S207 | 1   | "20020184642" and stag<br>\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>18:15 |
| S208 | 1   | "20020184642" and stag<br>\$3 with (metadata<br>supplement\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/01<br>18:15 |
| S209 | 2   | "US 20070169143"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                    | OR | OFF | 2009/09/02<br>11:04 |
| S210 | 12  | ("20020016197"  <br>"20020120927"  <br>"20040143840"  <br>"20050273804"  <br>"20050289622"  <br>"20060189375"  <br>"20070101365"  <br>"20070250849"  <br>"5508731"   "6895238"  <br>"7010312"   "7454380").<br>PN. | US-PGPUB;<br>USPAT; USOCR;<br>JPO                        | OR | ON  | 2009/09/02<br>11:07 |

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| S211 | 1    | "20040025181" and "20"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2009/09/02<br>17:16 |
| S212 | 31   | ("20010024239"  <br>"20020053075"  <br>"20020056136"  <br>"20020059610"  <br>"20020184642"  <br>"20030025832"  <br>"20030204844"  <br>"20040025181"  <br>"20040123327"  <br>"20040148640"  <br>"20050028208"  <br>"4506387"   "4729012"  <br>"5400077"   "5461427"  <br>"5598276"   "5598276"  <br>"5598276"   "5638130"  <br>"5657034"   "5856849"  <br>"5880792"   "5880792"  <br>"5907659"   "5914754"  <br>"6038367"   "6115072"  <br>"6169568"   "6366706"  <br>"6714253"   "6714253"  <br>"6771888"   "6804827"  <br>"6804827"   "7061552"  <br>"7234003").PN. | US-PGPUB;<br>USPAT; USOCR;<br>JPO                        | OR | ON  | 2010/03/16<br>16:51 |
| S213 | 1    | "7432983"  | US-PGPUB;<br>USPAT; USOCR;<br>JPO                        | OR | ON  | 2010/03/16<br>16:54 |
| S214 | 4    | ("6912327"   "6961446"  <br>"6989868"   "7174055").<br>PN. OR ("7432983").URPN.  | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2010/03/16<br>16:54 |
| S215 | 11   | S212 and ((crop\$4 siz\$3<br>flip\$4 resiz\$3) with (image<br>frame aperture region))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO                   | OR | ON  | 2010/03/16<br>16:59 |
| S216 | 8570 | ("725" "348" "375").clas.<br>and ((aperture cutout<br>region) with (crop\$4 resiz<br>\$3 flip\$4 mov\$3))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/03/17<br>12:53 |
| S217 | 2403 | ("725" "375").clas. and<br>((aperture cutout region)<br>with (crop\$4 resiz\$3 flip\$4<br>mov\$3))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/03/17<br>12:54 |
| S218 | 88   | ("725" "375").clas. and<br>((aperture cutout) with<br>(crop\$4 resiz\$3 flip\$4 mov<br>\$3))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/03/17<br>12:54 |
| S219 | 40   | S218 and @ay<"2004"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/03/17<br>12:54 |

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| S220 | 2     | "US 20080155059"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | OR  | OFF | 2010/03/17<br>14:34 |
| S221 | 2480  | ("725" "370" "386").clas.<br>and "aspect ratio"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2010/03/24<br>17:24 |
| S222 | 1139  | S221 @ay< "2003"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2010/03/24<br>17:24 |
| S223 | 336   | S222 and ((manipulat\$3<br>modify modifi\$6 conver\$5)<br>with ((aspect adj ratio)<br>resolution definition))                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2010/03/24<br>17:24 |
| S224 | 12136 | ("725" "348" "370").clas.<br>and ((manipulat\$3 modify<br>modifi\$6 conver\$5) with<br>((aspect adj ratio)<br>resolution definition)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2010/03/24<br>17:25 |
| S225 | 6429  | S224 and @ay< "2003"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2010/03/24<br>17:25 |
| S226 | 15442 | 375/240.\$ ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR  | OFF | 2010/04/06<br>16:06 |
| S227 | 334   | S226 and "725".clas.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR  | OFF | 2010/04/06<br>16:07 |
| S228 | 154   | S227 and @ay< "2003"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR  | OFF | 2010/04/06<br>16:07 |
| S229 | 20    | S228 and (roi (region near<br>interest) mask (scene near<br>graph\$1))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR  | ON  | 2010/04/06<br>16:07 |
| S230 | 6     | S228 and (roi (region near<br>interest) (scene near graph<br>\$1))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR  | ON  | 2010/04/06<br>16:08 |



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| S231 | 85    | S227 and (mpeg4 (mpeg adj "4") mp4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:10 |
| S232 | 5251  | S226 and (mpeg4 (mpeg adj "4") mp4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:10 |
| S233 | 81    | S232 and ((crop\$4 siz\$3 flip\$4 resiz\$3) with (roi (region near interest) mask (scene near graph \$1)))                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:11 |
| S234 | 21    | S233 and @ay< "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:11 |
| S235 | 37295 | (375/240.\$).CCLS. or ("725").CLAS.  | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2010/04/06<br>16:13 |
| S236 | 7038  | S235 and (mpeg4 (mpeg adj "4") mp4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:13 |
| S237 | 92    | S236 and ((crop\$4 siz\$3 flip\$4 resiz\$3) with (roi (region near interest) mask (scene near graph \$1)))                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:13 |
| S238 | 27    | S237 and @ay< "2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:14 |
| S239 | 1     | "20060282874"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:54 |
| S240 | 1198  | S236 and ((roi (region near interest) mask vop (video near object near plane) (scene near graph \$1)))                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:57 |
| S241 | 6     | S236 and ((roi (region near interest) mask (video near object near plane) (scene near graph\$1) vop) with (aspect near ratio))               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>16:59 |
| S242 | 7     | S236 and (roi (region near interest) mask (video near object near plane) (scene near graph\$1) vop) and (conver\$4 with (aspect near ratio)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>17:01 |

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| S243 | 4   | S242 not S241   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>17:02 |
| S244 | 1   | "20060282874" and ("106"<br>"107" "108")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>17:08 |
| S245 | 29  | ("20010000962"  <br>"20010052856"  <br>"20030133502"  <br>"20030164898"  <br>"20040088739"  <br>"5317391"   "5654805"  <br>"5673401"   "5699472"  <br>"5754242"   "5754242"  <br>"6137951"   "6148141"  <br>"6160579"   "6166780"  <br>"6240555"   "6243139"  <br>"6256071"   "6273535"  <br>"6285408"   "6336155"  <br>"6337928"   "6377309"  <br>"6377309"   "6446261"  <br>"6535530"   "6567427"  <br>"6601103"   "6636266"  <br>"6675385"   "6757911"  <br>"6757911").PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>17:25 |
| S246 | 1   | S245 and (conver\$4 with<br>(aspect near ratio))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/06<br>17:26 |
| S252 | 0   | "20030217366".pn. and<br>previwe  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/07<br>19:14 |
| S253 | 1   | "20030217366".pn. and<br>preview  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/07<br>19:14 |
| S254 | 0   | "20060173701".pn. and<br>preview  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/07<br>19:20 |
| S255 | 0   | "20060173701".pn. and<br>(preview sample)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/07<br>19:21 |
| S256 | 647 | 348/445,556.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>JPO                        | OR | ON  | 2010/04/13<br>11:12 |
| S257 | 468 | S256 and @ay< "2003"  | US-PGPUB;<br>USPAT; USOCR;<br>JPO                        | OR | ON  | 2010/04/13<br>11:12 |

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| S258 | 0   | S257 and ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5) with metadata)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>11:13 |
| S259 | 234 | S257 and ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5))                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>11:13 |
| S260 | 0   | S257 and ((aspect adj ratio) with metadata)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>11:13 |
| S261 | 0   | S257 and metadata  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>11:13 |
| S262 | 20  | S257 and ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5) with (region aperture))              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>11:14 |
| S263 | 1   | "4539722".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>11:40 |
| S264 | 41  | "725".clas. and @ay<"2003" and ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5))               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:52 |
| S265 | 0   | "725".clas. and @ay<"2003" and ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5) with metadata) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:52 |
| S266 | 0   | "725".clas. and ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5) with metadata)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:53 |
| S267 | 5   | ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5) with metadata)                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:53 |
| S268 | 2   | "US 20040212731"   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                    | OR | OFF | 2010/04/13<br>12:53 |
| S269 | 26  | ((aspect adj ratio) with (conver\$4 chang\$4 transform\$5)) same metadata)                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:54 |
| S270 | 2   | "725".clas. and (((aspect adj ratio) with (conver\$4 chang\$4 transform\$5)) same metadata)              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:54 |

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| S271 | 2   | "725".clas. and (((aspect adj ratio) with (convert\$3 conversion chang\$4 transform\$5)) same metadata) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:55 |
| S272 | 148 | "725".clas. and ((aspect adj ratio) with (convert\$3 conversion chang\$4 transform\$5))                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:56 |
| S273 | 41  | S272 and @ay<"2003"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:56 |
| S274 | 4   | S273 and metadata   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:56 |
| S275 | 11  | "348".clas. and (((aspect adj ratio) with (conver\$4 chang\$4 transform\$5)) same metadata)             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:57 |
| S276 | 0   | 348/445,556.ccls. and (chang\$3 with metadata)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:58 |
| S277 | 5   | 348/445,556.ccls. and metadata  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:58 |
| S278 | 48  | 348/445,556.ccls. and (chang\$3 with (conver\$5 transform\$4) with (information data instruction\$1))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:59 |
| S279 | 34  | S278 and (aspect adj ratio)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:59 |
| S280 | 23  | S279 and @ay<"2004"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/13<br>12:59 |
| S281 | 2   | "20040148640"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:31 |
| S282 | 938 | 348/576,578,581.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:33 |

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| S283 | 17    | S282 and metadata   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:33 |
| S284 | 0     | S283 and ((aspect adj<br>ratio) with (conver\$4 chang<br>\$3 transform\$5)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/14<br>14:33 |
| S285 | 5     | S283 and (aspect adj<br>ratio)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | ON  | 2010/04/14<br>14:34 |
| S286 | 2     | S282 and (metadata same<br>(aspect adj ratio))                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:37 |
| S287 | 12963 | (382/276-308).CCLS.   | US-PGPUB;<br>USPAT; USOCR                                | OR | OFF | 2010/04/14<br>14:39 |
| S288 | 423   | S287 and metadata   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:39 |
| S289 | 2     | S287 and (metadata with<br>(aspect adj ratio))                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:40 |
| S290 | 9     | S287 and (metadata same<br>(aspect adj ratio))                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:40 |
| S291 | 9548  | 345/619-689.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:42 |
| S292 | 1     | S291 and (metadata with<br>(aspect adj ratio))                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:42 |
| S293 | 1025  | 715/723-726.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:45 |
| S294 | 1     | S293 and (metadata with<br>(aspect adj ratio))                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB | OR | OFF | 2010/04/14<br>14:45 |

### EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
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|    |   |   |             |    |    |                  |
|----|---|---|-------------|----|----|------------------|
| L1 | 0 | (metadata with (aspect<br>adj ratio) with (conver\$4<br>transform\$5)).clm. | USPAT; UPAD | OR | ON | 2010/05/08 11:39 |
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**5/ 8/ 2010 11:40:32 AM**

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